

FAS – Office of Global Analysis (OGA)
United States Department of Agriculture (USDA)
International Operational Agriculture Monitoring Program

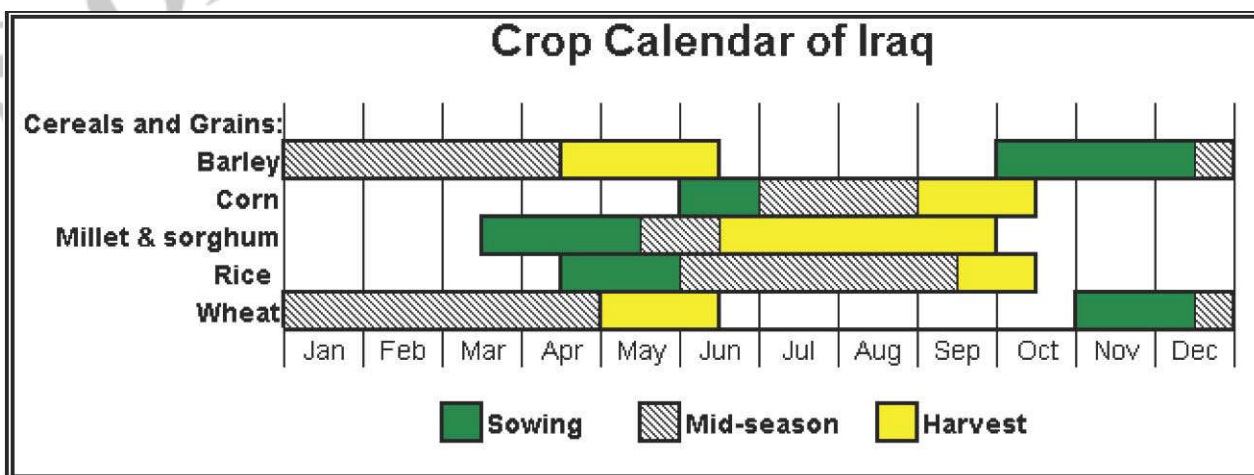


July Report - Week 2

July 11th, 2008

1. Production for MY 2008/09 winter grains is forecasted to be lower than the previous year. Production decreases are related to late rainfall during the start of season combined with below normal seasonal precipitation. The predominantly rainfed northern governorates were impacted the most with lower production also expected in central and southern governorates.
2. Archived Landsat 7 imagery from June 28th, 2000 and June 18th, 2008 were acquired from USGS. NDVI change detection analysis showed significant differences in summer crop abundance between the two dates. Most of the cropland area remained persistent with large areas of increase near the Al-'Uzaym river in Salah ad Din and the lower branches of the Diyala river. Large areas of decrease were evident near 'Arab 'Ajil along the Tigris River (Figure 1). The overall difference within the study area was a decrease of 5000 hectares.
3. Archived Landsat 7 imagery from June 13th, 2001 was compared to AWiFS imagery collected on June 3rd, 2008. NDVI change detection analysis showed large areas of increase just west of Irbil and variable change near the city of Mosul. A large area of decrease is apparent in the far western portion of Nineveh near the Syrian border. (Figure 2). The overall difference within the study area was a decrease of 4000 hectares.

*Note: The availability of current and archived data will increase as the summer crop season progresses.



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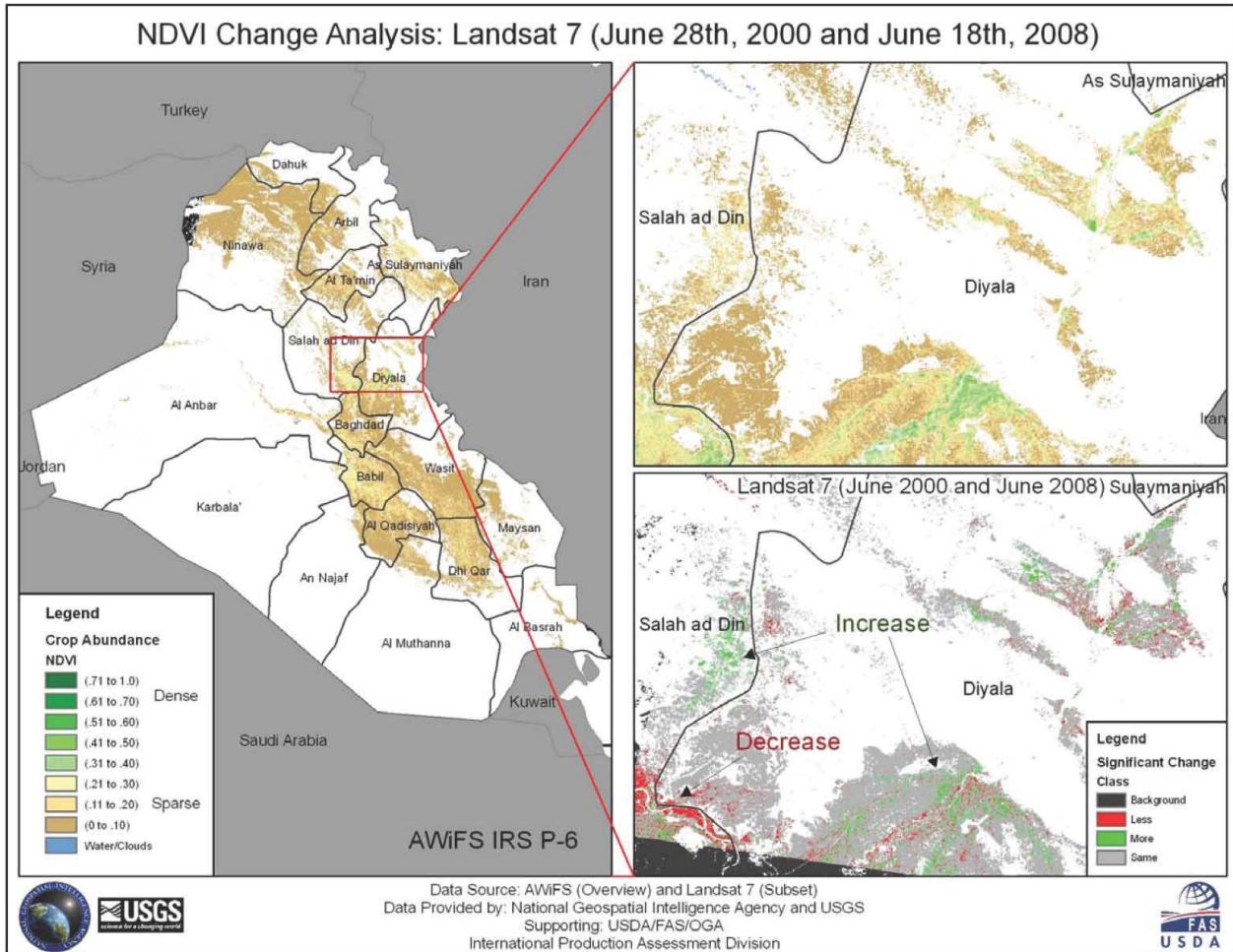


Figure 1: Change detection map: Landsat 7, June 2000 and June 2008.

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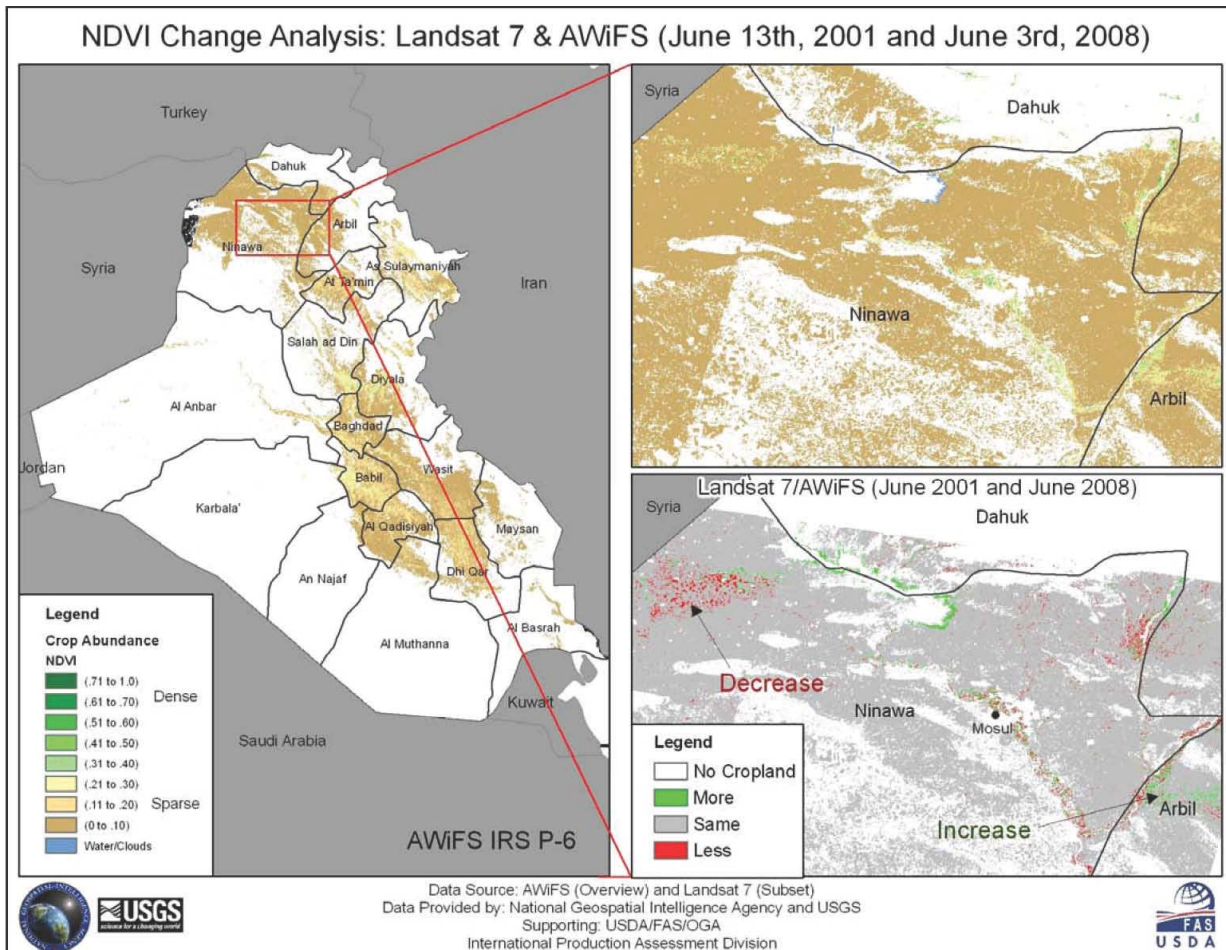


Figure 2: Change detection map: Landsat 7, June 2000 and AWiFS, June 2008.